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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/916,808A

DATE: 02/04/2002

TIME: 13:16:36

Input Set : A:\10338\_2U1.txt

Output Set: N:\CRF3\02042002\I916808A.raw

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ENTERED

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## RAW SEQUENCE LISTING

DATE: 02/04/2002

PATENT APPLICATION: US/09/916,808A

TIME: 13:16:36

Input Set : A:\10338\_2U1.txt

Output Set: N:\CRF3\02042002\I916808A.raw

```

67 <220> FEATURE:
68 <223> OTHER INFORMATION: Synthetic polynucleotide
70 <400> SEQUENCE: 4
71 agctcatt 8
74 <210> SEQ ID NO: 5
75 <211> LENGTH: 8
76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Synthetic polynucleotide
82 <400> SEQUENCE: 5
83 gctcattg 8
86 <210> SEQ ID NO: 6
87 <211> LENGTH: 8
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Synthetic polynucleotide
94 <400> SEQUENCE: 6
95 ctcattga 8
98 <210> SEQ ID NO: 7
99 <211> LENGTH: 20
100 <212> TYPE: DNA
101 <213> ORGANISM: Artificial Sequence
103 <220> FEATURE:
104 <223> OTHER INFORMATION: Synthetic polynucleotide
106 <220> FEATURE:
107 <221> NAME/KEY: misc_feature
108 <222> LOCATION: (3)..(3)
109 <223> OTHER INFORMATION: n=g, a, c or t
112 <220> FEATURE:
113 <221> NAME/KEY: misc_feature
114 <222> LOCATION: (15)..(15)
115 <223> OTHER INFORMATION: n=g, a, c or t
118 <400> SEQUENCE: 7
119 ggnaayaaya gyggncarcc 20
122 <210> SEQ ID NO: 8
123 <211> LENGTH: 15
124 <212> TYPE: DNA
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Synthetic polynucleotide
130 <400> SEQUENCE: 8
131 ggaaaacagg gcacc 15
134 <210> SEQ ID NO: 9
135 <211> LENGTH: 15
136 <212> TYPE: DNA
137 <213> ORGANISM: Artificial Sequence
139 <220> FEATURE:

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```

140 <223> OTHER INFORMATION: Synthetic polynucleotide
142 <400> SEQUENCE: 9
143 ggaaaatagg gcacc 15
146 <210> SEQ ID NO: 10
147 <211> LENGTH: 15
148 <212> TYPE: DNA
149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: Synthetic polynucleotide
154 <400> SEQUENCE: 10
155 gggaaaaaagg gcacc 15
158 <210> SEQ ID NO: 11
159 <211> LENGTH: 15
160 <212> TYPE: DNA
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Synthetic polynucleotide
166 <400> SEQUENCE: 11
167 ggaaaaaagg gcacc 15
170 <210> SEQ ID NO: 12
171 <211> LENGTH: 15
172 <212> TYPE: DNA
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Synthetic polynucleotide
178 <400> SEQUENCE: 12
179 ggcaaaaagg gcacc 15
182 <210> SEQ ID NO: 13
183 <211> LENGTH: 15
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: Synthetic polynucleotide
190 <400> SEQUENCE: 13
191 ggtaaaaagg gcacc 15
194 <210> SEQ ID NO: 14
195 <211> LENGTH: 15
196 <212> TYPE: DNA
197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: Synthetic polynucleotide
202 <400> SEQUENCE: 14
203 ggaacaaagg gcacc 15
206 <210> SEQ ID NO: 15
207 <211> LENGTH: 15
208 <212> TYPE: DNA
209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: Synthetic polynucleotide

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DATE: 02/04/2002

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TIME: 13:16:37

Input Set : A:\10338\_2U1.txt

Output Set: N:\CRF3\02042002\I916808A.raw

214 <400> SEQUENCE: 15  
 215 ggaataaagg gcacc 15  
 218 <210> SEQ ID NO: 16  
 219 <211> LENGTH: 20  
 220 <212> TYPE: DNA  
 221 <213> ORGANISM: Artificial Sequence  
 223 <220> FEATURE:  
 224 <223> OTHER INFORMATION: Synthetic polynucleotide  
 226 <400> SEQUENCE: 16  
 227 gggaacaaca gcgggcaacc 20  
 230 <210> SEQ ID NO: 17  
 231 <211> LENGTH: 14  
 232 <212> TYPE: DNA  
 233 <213> ORGANISM: Artificial Sequence  
 235 <220> FEATURE:  
 236 <223> OTHER INFORMATION: Synthetic polynucleotide  
 238 <220> FEATURE:  
 239 <221> NAME/KEY: misc\_feature  
 240 <222> LOCATION: (3)..(3)  
 241 <223> OTHER INFORMATION: n=g, a, c or t  
 244 <400> SEQUENCE: 17  
 245 ggnaayaaya gygg 14  
 248 <210> SEQ ID NO: 18  
 249 <211> LENGTH: 17  
 250 <212> TYPE: DNA  
 251 <213> ORGANISM: Artificial Sequence  
 253 <220> FEATURE:  
 254 <223> OTHER INFORMATION: Synthetic polynucleotide  
 256 <220> FEATURE:  
 257 <221> NAME/KEY: misc\_feature  
 258 <222> LOCATION: (12)..(12)  
 259 <223> OTHER INFORMATION: n=g, a, c or t  
 262 <400> SEQUENCE: 18  
 263 aayaayagyg gncarcc 17  
 266 <210> SEQ ID NO: 19  
 267 <211> LENGTH: 20  
 268 <212> TYPE: DNA  
 269 <213> ORGANISM: Artificial Sequence  
 271 <220> FEATURE:  
 272 <223> OTHER INFORMATION: Synthetic polynucleotide  
 274 <400> SEQUENCE: 19  
 275 gggaacaaca gcgggcaacc 20  
 278 <210> SEQ ID NO: 20  
 279 <211> LENGTH: 11  
 280 <212> TYPE: DNA  
 281 <213> ORGANISM: Artificial Sequence  
 283 <220> FEATURE:  
 284 <223> OTHER INFORMATION: Synthetic polynucleotide  
 286 <220> FEATURE:

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Input Set : A:\10338\_2U1.txt

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287 <221> NAME/KEY: misc\_feature  
 288 <222> LOCATION: (3)..(3)  
 289 <223> OTHER INFORMATION: n=g, a, c or t  
 292 <400> SEQUENCE: 20  
 WJL-> 293 **ggnaayaaya g** 11  
 296 <210> SEQ ID NO: 21  
 297 <211> LENGTH: 11  
 298 <212> TYPE: DNA  
 299 <213> ORGANISM: Artificial Sequence  
 301 <220> FEATURE:  
 302 <223> OTHER INFORMATION: Synthetic polynucleotide  
 304 <400> SEQUENCE: 21  
 305 aayaayagyg g 11  
 308 <210> SEQ ID NO: 22  
 309 <211> LENGTH: 11  
 310 <212> TYPE: DNA  
 311 <213> ORGANISM: Artificial Sequence  
 313 <220> FEATURE:  
 314 <223> OTHER INFORMATION: Synthetic polynucleotide  
 316 <220> FEATURE:  
 317 <221> NAME/KEY: misc\_feature  
 318 <222> LOCATION: (6)..(6)  
 319 <223> OTHER INFORMATION: n=g, a, c or t  
 322 <400> SEQUENCE: 22  
 WJL-> 323 **agyggncarc c** 11  
 326 <210> SEQ ID NO: 23  
 327 <211> LENGTH: 16  
 328 <212> TYPE: DNA  
 329 <213> ORGANISM: Artificial Sequence  
 331 <220> FEATURE:  
 332 <223> OTHER INFORMATION: Synthetic polynucleotide  
 334 <220> FEATURE:  
 335 <221> NAME/KEY: misc\_feature  
 336 <222> LOCATION: (8)..(8)  
 337 <223> OTHER INFORMATION: n=g, a, c or t  
 340 <400> SEQUENCE: 23  
 WJL-> 341 **ggtgyatnga vaaygg** 16  
 344 <210> SEQ ID NO: 24  
 345 <211> LENGTH: 13  
 346 <212> TYPE: DNA  
 347 <213> ORGANISM: Artificial Sequence  
 349 <220> FEATURE:  
 350 <223> OTHER INFORMATION: Synthetic polynucleotide  
 352 <220> FEATURE:  
 353 <221> NAME/KEY: misc\_feature  
 354 <222> LOCATION: (8)..(8)  
 355 <223> OTHER INFORMATION: n=g, a, c or t  
 358 <400> SEQUENCE: 24  
 WJL-> 359 **ggtgyatnga vaa** 13

→ Use of n and/or Xaa has been detected in the Sequence Listing.  
 Review the Sequence Listing to insure a corresponding  
 explanation is presented in the <220> to <223> fields of  
 each sequence using n or Xaa.

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/916,808A

DATE: 02/04/2002

TIME: 13:16:38

Input Set : A:\10338\_2U1.txt

Output Set: N:\CRF3\02042002\I916808A.raw

L:119 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7  
L:245 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17  
L:263 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18  
L:293 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
L:323 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22  
L:341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23  
L:359 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24  
L:377 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25  
L:395 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26